

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of intervening between a wireless communication device and a base station, the method comprising:

employing a receiver to scan for transmissions from multiple surrounding base stations;

measuring the absolute field strength of all received transmission and recording the information transmitted by the base stations;

setting the transmission power level of a transmitter to have an absolute field strength greater than the highest measured absolute field strength detected from a corresponding base station;

receiving an interface signal from a wireless communication device; and

transmitting to the wireless communication device the corresponding information to thereafter control the wireless communication device by establishing a communication channel independent of a carrier network and between the wireless communication device and the receiver and transmitter instead of between the wireless communication device and a surrounding base station to prevent use of the wireless communication device with its carrier network proximate the receiver and transmitter, the wireless communication device engaging in a communication protocol with the receiver and transmitter as if they were a base station connected to the carrier network.

2. (Original) The method of claim 1 in which the step of transmitting includes instructing the wireless communication device to lower its transmission power so that transmissions from the wireless communication device do not reach any corresponding surrounding base stations.

3. (Original) The method of claim 1 in which the step of transmitting includes instructing the wireless communication device to transmit at a frequency not recognized by any corresponding surrounding base stations.

4. (Original) The method of claim 1 further including the step of keeping a record of all interface signals and requests for service transmissions received from a wireless communication device.

5. (Original) The method of claim 4 further including the step of polling the record to track movement of a wireless communication device.

6. (Original) The method of claim 1 further including the step of providing an alarm when a wireless communication device transmits a request for service transmission.

7. (Original) The method of claim 1 in which the step of transmitting includes instructing the wireless communication device to undertake processes to remove itself from normal communication with a cellular telephone service provider.

8. (Currently Amended) A method of intervening between a wireless communication device and a base station, the method comprising:

employing a receiver to scan for transmissions from multiple surrounding base stations;

receiving an interface signal from a wireless communication device; and

transmitting to the wireless communication device the corresponding information to thereafter control the wireless communication device by establishing a communication channel independent of a carrier network and between the wireless communication device and the receiver and transmitter instead of between the wireless communication device and a surrounding base station to prevent use of the wireless communication device with its carrier network proximate the receiver and transmitter, the wireless communication device engaging in a communication protocol with the receiver and transmitter as if they were a base station connected to the carrier network.

9. (Original) The method of claim 8 in which the step of establishing a communication channel includes measuring the absolute field strength of all received transmissions and recording the information transmitted by the base stations.

10. (Original) The method of claim 9 in which transmitting includes setting the transmission power level of a transmitter to have an absolute field strength greater than the highest measured absolute field strength detected from a corresponding base station.

11. (Currently Amended) A communication device intervention system comprising:

an antenna;

a receiver responsive to transmissions received by the antenna;

a transmitter; and

a control module responsive to the receiver and connected to the transmitter, the control module configured to:

measure the absolute field strength of all received transmissions detected by the receiver from surrounding base stations,

record the information transmitted by the surrounding base stations,

set the transmission power level of the transmitter to have an absolute field strength greater than the highest measured absolute field strength detected from a corresponding base station,

detect an interface signal received by the transmitter from a wireless communication device in a predefined area proximate the receiver, and

transmit, at the set absolute field strength, the corresponding information to the wireless communication device so that the system prevents use of the wireless communication device with its carrier network in the predefined area, the wireless communication device engaging in a communication protocol with the receiver and transmitter as if they were a base station connected to the carrier network.

12. (Original) The system of claim 11 in which the control module is further configured to transmit to the wireless communication device a signal which instructs the wireless communication

device to lower its transmission power so that transmissions from the wireless communication device do not reach any corresponding surrounding base stations.

13. (Original) The system of claim 11 in which the control module is further configured to transmit to the wireless communication device a signal which instructs the wireless communication device to transmit at a frequency not recognized by any corresponding surrounding base stations.

14. (Original) The system of claim 11 in which the control module is further configured to transmit to the wireless communication device to undertake to remove itself from normal communication with a cellular telephone service provider.

15. (Original) The system of claim 11 in which the control module is further configured to record all interface signals and requests for service transmissions received from a wireless communication device.

16. (Original) The system of claim 13 further including a remote management unit configured to poll the records of a selected group of control modules to track movement of a wireless communication device.

17. (Original) The system of claim 16 further including a system computer responsive to the remote management unit and configured to provide an alarm when a wireless communication device transmits a request for service transmission

18. (Currently Amended) A communication device intervention system comprising:

an antenna;

a receiver responsive to transmissions received by the antenna;

a transmitter; and

a control module responsive to the receiver and connected to the transmitter, the control module configured to:

record the information transmitted by the surrounding base stations,

detect an interface signal received by the receiver from a wireless communication device in a predefined area proximate the receiver, and

transmit the corresponding information to the wireless communication device so that the system prevents the use of the wireless communication device with its carrier network in the predefined area, the wireless communication device engaging in a communication protocol with the receiver and transmitter as if they were a base station connected to the carrier network.

19. (Original) The communication device intervention system of claim 18 in which the transmitter has an adjustable power level.

20. (Original) The communication device intervention system of claim 18 in which the control module is configured to measure the absolute field strength of all received transmissions detected by the receiver from the surrounding base stations.

21. (Original) The communication device intervention system of claim 20 in which the control module is further configured to set the transmission power level of the transmitter to have an absolute field strength greater than the highest measured absolute field strength detected from a corresponding base station.

22. (Original) The communication device intervention system of claim 21 in which the control module is configured to transmit at the set absolute field strength.

23. (Currently Amended) A system for intervening between a communication device and a base station, the system comprising:

a plurality of control units each having:

an antenna,

a receiver responsive to transmissions received by the antenna,

a transmitter having an adjustable power level, and

a control module responsive to the receiver and connected to the transmitter,

the control module configured to:

measure the absolute field strength of a received transmission

detected by the receiver from surrounding base stations,

record the information transmitted by the surrounding base stations,

set the transmission power level of the transmitter to have an

absolute field strength greater than the highest measured absolute field

strength detected from a corresponding base station,

detect and record an interface signal received by the receiver from a wireless communication device in a predefined area proximate the receiver, and

transmit, at the set absolute field strength, the corresponding information to the wireless communication device so that the system prevents the use of the wireless communication device with its carrier network in the predefined area, the wireless communication device engaging in a communication protocol with the receiver and transmitter as if they were a base station connected to the carrier network;

a remote management unit linked to the plurality of control units for polling the records of the control units to track movement of the wireless communication device; and

a system computer responsive to the remote management unit for providing an alarm when the wireless communication device transmits a request for service transmission.

24. (Original) The system of claim 23 in which the remote management unit is linked to the plurality of control units via AC power lines.

25. (Original) The system of claim 23 in which there are a plurality of remote management units each linked to a subset of the control units and the system computer is linked to the plurality of remote management units.